



BLENDER AK/12 AUT

OPERATION & MAINTENANCE MANUAL



**WARNING! READ THE
INSTRUCTIONS MANUAL
BEFORE OPERATE**



KIOSIDIS PRIVATE COMPANY P.C., COMMERCIAL BAR EQUIPMENT

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TABLE OF CONTENTS

1. ABOUT YOUR BLENDER 3

2. SYMBOLS USED 3

3. FIELD OF USE 3

 3.1 Application Sector 3

4. INTRODUCTION TO THE MANUAL 4

5. RULES FOR SAFE OPERATION 5

6. SAFETY MEASURES AND GENERAL INSTRUCTIONS 6

7. TRANSPORTATION, INSTALLATION AND CONNECTION 6

 7.1 Transportation 6

 7.2 Installation 6

 7.3 Connection 7

 7.4 Maximum Dimensions 9

8. MARKING 10

 8.1 Manufacturer Label & Technical Information of the Blender 10

 8.2 Marking Signs 11

 8.3 Warnings 11

9. TECHNICAL CHARACTERISTICS 11

10. DESCRIPTION 12

 10.1 Blender Parts 12

 10.2 Control Panel 13

11. OPERATION 15

 11.1 Steps before first use 15

12. CLEANING – MAINTENANCE 16

 12.1 Cleaning Instructions 16

13. WHEN NOT IN USE 18

 13.1 Package – Storage – Recycling 18

14. MALFUNCTIONS AND TROUBLESHOOTING 19

15. SPARE PARTS 20

 15.1 Exploded View 20

 15.2 Spare Parts Index 21

16. ELECTRICAL DRAWING 23

17. DECLARATION OF CONFORMITY - CERTIFICATE 24

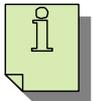
1. ABOUT YOUR BLENDER

Thank you for selecting the **AK/12 Johny** blender. You can use the blender to prepare milkshakes, cocktails, cold soups etc. The blender is a laborious, robust and long-lasting heavy duty appliance.

2. SYMBOLS USED



This safety symbol is followed by a message relative to dangers that should be taken into consideration for the avoidance of an accident.



This symbol is followed by a message relative to information, reported in the present manual or in an accompanying handbook and should be taken into consideration.



This symbol is followed by a suggestion.

When you see one of the above, pay attention to any warnings or points important for the operation and read carefully the message that follows.

3. FIELD OF USE

3.1 Application Sector

This blender is made for professional and catering use in places such as coffee shops, hotels and restaurants.



ATTENTION! The appliance should be operate only by authorized staff.

4. INTRODUCTION TO THE MANUAL

We recommend you to read this manual carefully before the first use.

We prepared it in order for you to use it right and receive the best performance. The present manual refers to the use and maintenance of the electric blender **AK/12 Johnny**, and aims to help the blender's best operation.

«**KIOSIDIS PRIVATE COMPANY P.C.**» does not have any responsibility for accidents or damages caused by carelessness or nonobservance of the instructions of the specific manual. The company does not have any responsibility for damages caused by inappropriate use of the blender.



ATTENTION! The present manual is an integral part of the blender **AK/12 Johnny** and should always accompany it in every transfer or resale. The staff should always keep it in safe place. The staff is also responsible for manual's storage and to keep it in good condition, so that they can consult it during the blender's lifetime. In case of loss or destruction of the manual, a new copy has to be asked immediately from your supplier.



Retain the present manual meticulously in an ideal place close to anyone related to the appliance.



Never neglect to read the manual, no matter your previous experience. Few minutes of study might save you time and/or money.



Read carefully before you start up procedure, operation, maintenance or any other interruptions to the appliance and follow the below mentioned directions and warnings precisely.



Only authorized personnel, properly trained for its operation, should work on this appliance. With trained and well-informed personnel you shall avoid dangers that the operation could create.

5. RULES FOR SAFE OPERATION

ATTENTION! Disobedience of the following rules may cause accident and possible injury.

- ◆ The authorized operator should read this instruction manual thoroughly and follow the instructions as they are referred in the present handbook.
- ◆ During operation make sure that there is no unauthorized personnel on site. Children or handicapped people are not allowed to use the blender.
- ◆ Do not remove the bowl unless the blender is completely stopped.
- ◆ Always wait for the blender to stop before you open the bowl's cover.
- ◆ Do not try to reach the interior of the bowl during operating.
- ◆ Do not leave the blender connected to the mains power supply and unattended at the end of your work, or during cleaning and in case of malfunction or damage.
- ◆ Do not stretch the power cord.
- ◆ Do not use the blender if you notice any malfunction or any operation problem or if the cord and /or the plug have any problem. Contact your supplier for more information.
- ◆ Do not trust the repair and maintenance of your blender to people who are not authorized by the manufacturer. Contact your supplier for more information.
- ◆ Do not proceed to changes related to the blender whatsoever.
- ◆ Use only spare parts supplied by the manufacturer.
- ◆ Do not wet the blender parts with water or any other liquid, except for the bowl.
- ◆ Never fill the bowl with very hot liquids or with solid ingredients without a liquid base.
- ◆ Do not use the blender with empty bowl.
- ◆ Do not replace the cord by yourselves.

6. SAFETY MEASURES AND GENERAL INSTRUCTIONS

The electric blender **AK/12 Johnny** is designed, manufactured and assembled according to the directions:

(LVD) Low Voltage 2014/35/EU

(EMC) Electromagnetic Compatibility 2014/30/EU

(RoHS) Restriction of Hazardous Substances 2015/863/EU amending 2011/65/EU

7. TRANSPORTATION, INSTALLATION AND CONNECTION

7.1 Transportation

The blender **AK/12 Johnny** is transported packed until its initial placement. After the blender is unpacked it is carried by a person since the appliance is portable. Total weight of the appliance is 5.050 gr.



Use transportation vehicle to transport the appliance when packed.



When you receive the blender, check for any damages caused during transport.

7.2 Installation

◆ The blender should be placed on a flat, smooth and steady surface, so that there will be no risk for the blender to lose its stability after installation.

◆ Always place it indoors at a room temperature of around 25°C (maximum operation temperature 35°C). The place must be adequately ventilated and well lit. Good ventilation is a basic requirement for the installation place.

◆ The place should be clean, free from water and oil residues.

◆ It should be connected to the mains power supply using only a socket (“Deep Hole” type) connected to a stable current supplier. It is recommended not to use extensions for the power supply cord.

- ◆ The appropriate installation of current supply should be provided for the appliance's operation.

- ◆ The installation place should have the appropriate dimensions. Around the appliance free space should exist, so that filling, supply, operation, control and maintenance of the appliance is not prevented.



ATTENTION! Grounding is required at the socket.



ATTENTION! The voltage of the main electric circuit should be compatible with the voltage referred at the technical information label of the appliance.



ATTENTION! During the installation or moving of the blender, the appliance must be unplugged and disconnected from the current.

Before installation the following information must be taken into consideration:

- ◆ Initially check voltages and power requirements for the mains connection.

- ◆ Fuse 7 A.

On the site of operation the following should exist:

- ◆ Power supply 220-240 V, frequency 50/60 Hz.

- ◆ Fire extinguishing installation (as required by the local fire department for the safety of the premises).



ATTENTION! Protect the power supply cord from possible damages.

7.3 Connection

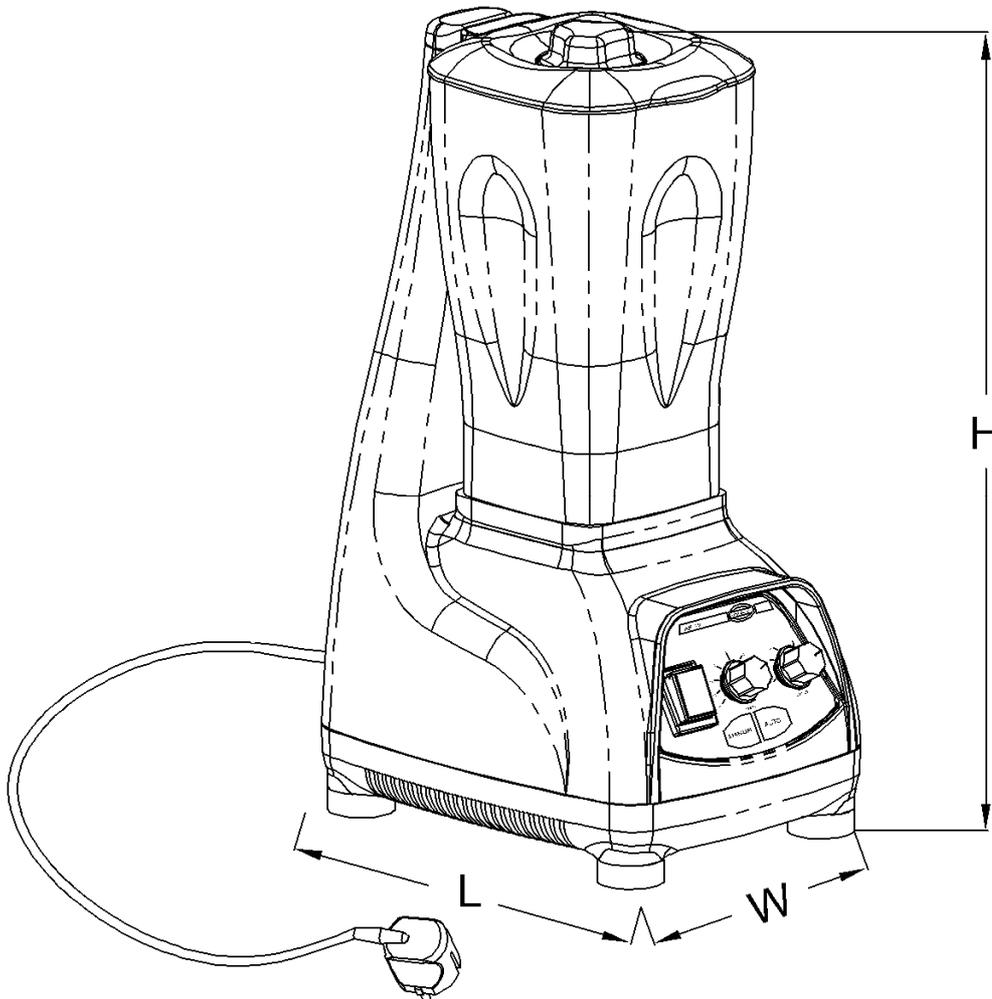
The appliance has to be connected to the mains socket. The end of the electric cord has a plug that should be connected to a socket with the same characteristics.



ATTENTION! For your own safety before connecting the blender to the mains check if:

- ◆ The connection of the phases and the grounding are accomplished. Earthed cord is yellow – green with wrapped insulation.
- ◆ The suitability of the supply wire is certified.
- ◆ Operation voltage and frequency are compatible with the characteristics of the socket.

7.4 Maximum Dimensions



Picture 1: Maximum dimensions

Maximum dimensions (mm)	
Length (L)	245 mm
Height (H)	450 mm
Width (W)	180 mm

8. MARKING

By the term **marking** we define all the indications or signs for the identification of the appliance or one of its parts placed by the manufacturer.

Each blender has been manufactured with all the safety measures for the operator's protection.

8.1 Manufacturer Label & Technical Information of the Blender

Manufacturer label and technical information of the appliance are shown at a visible and readable point on the appliance and contains phone numbers of the manufacturing company (Trade name, address, postal code, phone & Fax), year of manufacture, type and model of the appliance, serial number, power, voltage and electricity frequency as well as CE marking.



Picture 2: Label with technical characteristics

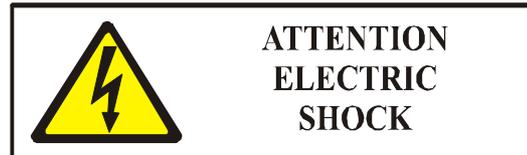
8.2 Marking Signs

These signs are placed at points that make them visible and readable. It is recommended to put them on places that present dangers that cannot logically be eliminated or significantly reduced at the designing stage, like moving parts or parts under voltage.

In case of loss or destruction the labels should be immediately replaced.



This sign is placed on the package and warns the operator to read the operation instructions before turning on the appliance.



It is placed on the cord's connection point on the appliance and warns the operator for dangers caused from electric power.

Picture 3: Marking signs

8.3 Warnings

The blender is equipped with a magnetic safety switch on the cover that doesn't allow the blender to turn on when the cover is not in place. Above the cover there is a warning signal:



ATTENTION! The blender cannot function if the cover is not in place.

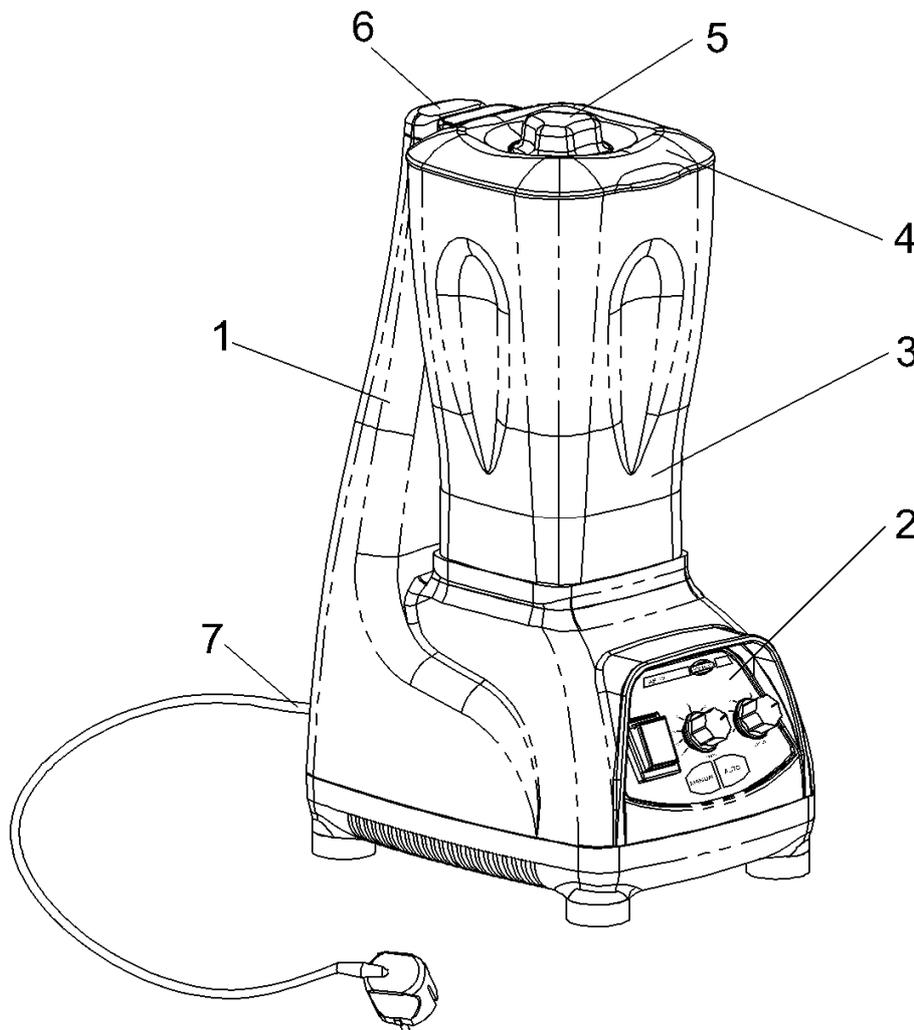
9. TECHNICAL CHARACTERISTICS

Technical Characteristics of blender AK/12		
1.	Operation voltage	220-240 V
2.	Operation frequency	50/60 Hz
3.	Weight	5.050 g
4.	Power	1.600 W
5.	Rotation speed	30.000 sp/min
6.	Nominal bowl volume Vn	1,5 lt
7.	Total bowl volume Vt	2,5 lt

10. DESCRIPTION**10.1 Blender Parts**

Electrical blender **AK/12 Johnny** consists of the following parts:

◆ Housing (1 pic.4),	◆ Cover (5 pic.4),
◆ Control panel (2 pic.4),	◆ Magnetic switch (6 pic.4),
◆ Bowl (3 pic.4),	◆ Cord with plug (7 pic.4).
◆ Bowl cover (4 pic.4),	



Picture 4: Parts of the blender

10.2 Control Panel

The **Johnny AK/12** blender has:

- ◆ A 2-position main switch (O, I) with indicative lamp, for the activation or deactivation of the blender (1, pic.5).

When the switch is set at position I and the indicative lamp turns on, the blender is power supplied and can normally function. When the switch is set at position O and the indicative lamp turns off power supply is interrupted and none of the functions is possible.

- ◆ A press-to-start switch (MANUAL) for instant function at maximum speed, for manual use (2, pic.5).

When the switch is pressed the blender operates instantly at maximum speed but when the switch is released function is interrupted.

- ◆ A press-to-start switch (AUTO) for automatic use (3 pic.5).

When the switch is pressed the blender operates for the time period set by the timer switch and at the speed set by the rotation speed control switch. Time and speed regulation must be effected activating the automatic function.

- ◆ 9-position time switch for automatic function (4, pic.5).

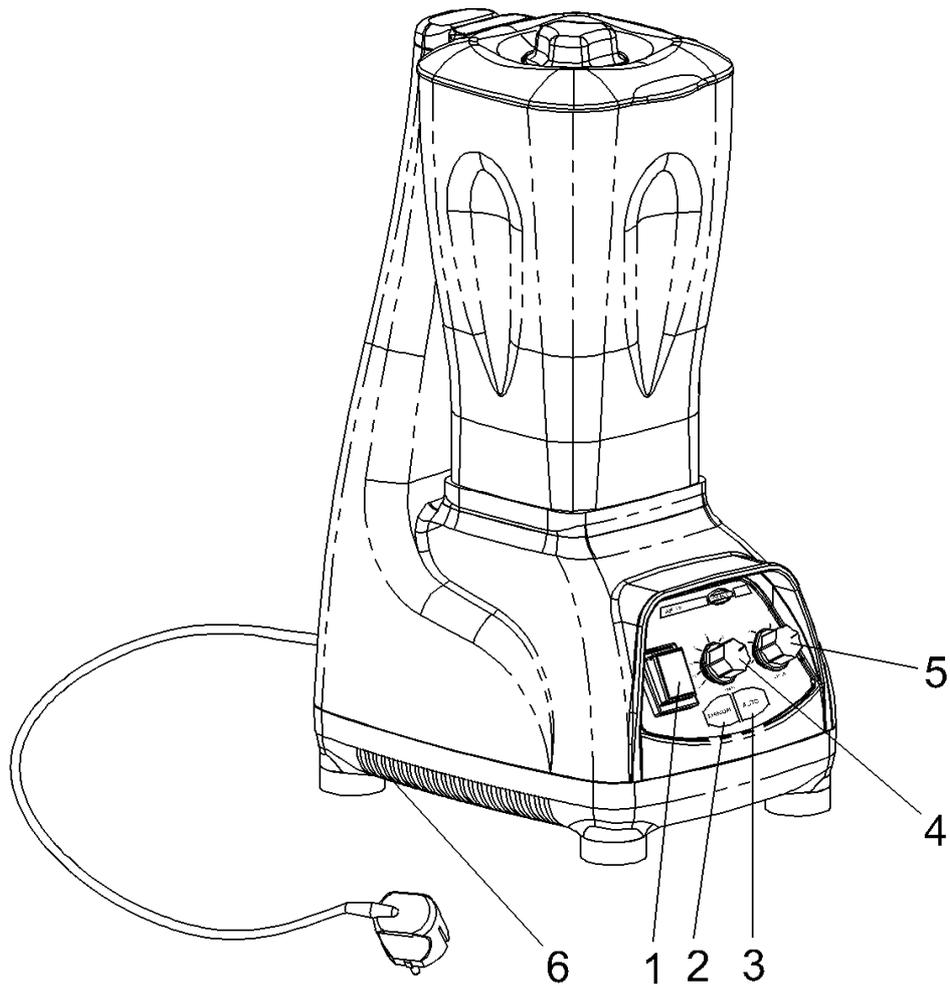
This switch sets the automatic functioning time at a scale ranging from five (5) to sixty (60) seconds) every five (5) seconds up to thirty (30) seconds and, every ten seconds, thereafter. Time increases in a clockwise directions.

- ◆ 6-position speed switch (5, pic.5).

This switch regulates the speed at a scale ranging from one (1) to six (6) . Speed increases in a clockwise direction.

- ◆ Safety thermo-switch (RESET), for the blender protection (6 pic.5).

The blender is supplied with a thermo-switch for the protection against overloading. In case it is activated, press it so that the blender starts functioning again.



Picture 5: Control Panel



ATTENTION! In case of a power failure during operation, reactivation of the main switch is required.

11. OPERATION

11.1 Steps before first use

Before using the blender for the first time the operator should follow the instructions bellow:

- ◆ Get familiarized with the assembling / disassembling of the blender.
- ◆ Before the first use remove the bowl and put it back in its correct place making sure it fits correctly in the housing.



ATTENTION! Remember that the magnetic switch on the bowl cover should always be aligned with the one on the body of the blender.

- ◆ Check for the proper function of the control buttons.
- ◆ Fill the bowl with a small quantity of water and some ice-cubes and try to use all the available functions.
- ◆ Check the stability of the blender.
- ◆ Wash the bowl, the bowl's cover and the lid provided for the filling during operation. Fill with hot water and washing up detergent and operate.

11.2 Operating instructions



ATTENTION! Make sure that the bowl's cover and the cover's lid have been placed correctly before you turn on the blender.

In order to turn on the blender you should follow the instructions below:

- ◆ Place the bowl on to its drive mechanism within the special housing.
- ◆ Put the ingredients inside the bowl without exceeding the maximum net operating volume of 1,5 lt.
- ◆ Place the bowl's cover. Remember that the magnetic switch on the bowl's cover should be aligned with the one on the body of the blender.
- ◆ Place the lid provided for the filling during operation and secure it in place at all three fastening points.

Blender AK/12 AUT Johny

- ◆ Connect the blender to the mains power supply and set the main switch to position I.
- ◆ Select between manual and automatic operation.
- ◆ Fill while functioning over the cover for the filling on the top of the bowl cover. During operation you may add ingredients through the hole of the cover removing it's transparent lid.
- ◆ To deactivate the blender put the main switch at "O" position.



ATTENTION! Never fill the bowl with very hot liquids or with solid ingredients without a liquid base.



ATTENTION! Never use the blender when the bowl is empty.



ATTENTION! During operation take extra care if you have long hair, or wear a tie, scarf, etc. or any other objects that could tangled.



Only authorized and adequately trained personnel who are not under influence of alcohol or drug should operate the blender.

12. CLEANING – MAINTENANCE



ATTENTION! Cleaning and maintenance should be performed when the blender is deactivated and unplugged from the power supply socket.



ATTENTION! Pay the proper attention when touching the moving parts because they are very sharp and the risk of injury is high.

12.1 Cleaning Instructions

- ◆ Set the main switch at O position.
- ◆ Remove the plug from the power supply socket.
- ◆ Remove (the bowl, the cover and the cover's lid) and wash them up with plenty of hot water and detergent.

Blender AK/12 AUT Johny

- ◆ Rinse well and dry the removed parts (bowl, cover lid).
- ◆ Clean the rest of the body (casing) with a damp cloth.
- ◆ Dry the body (casing) with a cloth that does not leave floss.



ATTENTION! The cleaning inside the bowl should be effected after each usage by filling it with water and operating the appliance for a few seconds.



ATTENTION! Do not try to dry the removed parts in the oven.



Always remember: A clean and well maintained blender lives longer



ATTENTION! Maintenance and cleaning of the blender should be performed by authorized and trained personnel (operator and/or technician).



ATTENTION! Do not wet the blender and its parts with water or any other liquid, except for the bowl.



Cleaning and maintenance must be performed after each day of use.



ATTENTION! Never try to repair the blender yourselves. Contact an authorized technician or your dealer.



ATTENTION! In case of cord damage, the manufacturer or an authorized technician must replace it in order to avoid the danger of an **electric shock**.

13. WHEN NOT IN USE

13.1 Package – Storage – Recycling

If the appliance is not in use for a long time it should be:

- ◆ Properly maintained according to maintenance instructions.
- ◆ Properly packed to avoid dust and moisture attack
- ◆ Checked and cleaned before re-operating
- ◆ For any question or doubt please contact with the supplier company. Even after the end of warranty period we are always willing to help you and provide you with information on your appliance. Never trust the maintenance or the service of your appliance to unauthorized personnel. Above all, never try to do it by yourselves, if you do not have the appropriate knowledge.



When the appliance is withdrawn, it is recommended to contact a company that deals with material recycling. The specific company will disassemble the appliance and convert it to dimensions appropriate for recycling or storage.

**RECYCLING!!!**

14. MALFUNCTIONS AND TROUBLESHOOTING

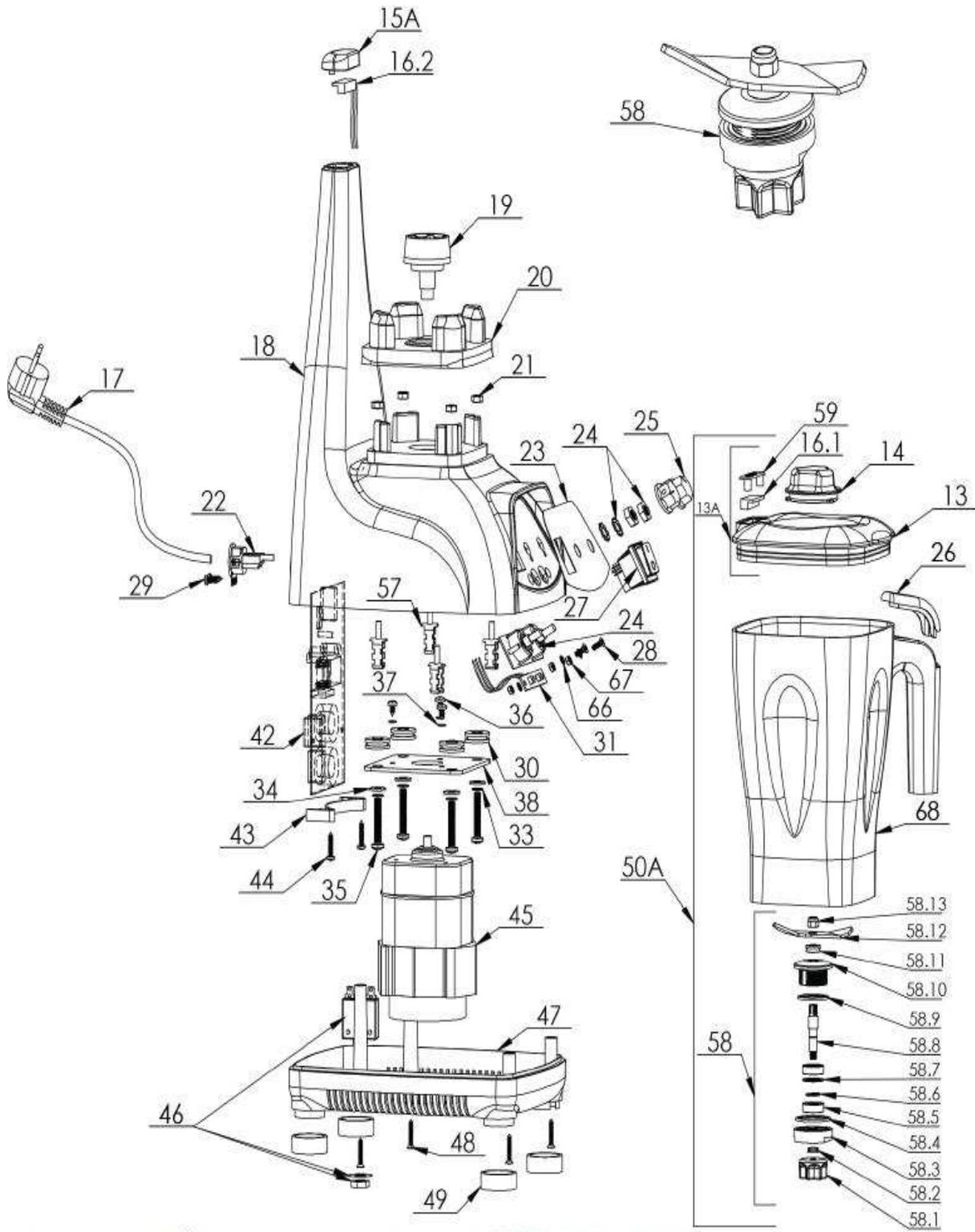
This paragraph contains possible malfunctions and their troubleshooting. In case a malfunction is not reported below, contact the supplier company.

Aiming at the continuous improvement of our services and continuous collaboration with our customers, we kindly request you to contact us in case of a malfunction not reported in the following table.

No	Malfunction	Possible cause	Troubleshooting
1	The blender does not function	The plug is not connected to the socket	Connect the plug to the socket (main power supply)
		The bowl hasn't been placed correctly in the housing and/or the magnetic switch is not in place	Check the bowl position and re-position if necessary.
		The bowl cover isn't placed in its proper position	Place the cover on to the bowl
		The thermo-switch has been activated	Deactivate the thermo-switch and restart the blender
2	Excess vibrations	The blender was not installed on a flat surface	Place the blender on a flat surface
		The bowl is not placed correctly on its base	Place the bowl correctly on its base
3	Leaks from the bowl	Large amount of ingredients	Remove some ingredients from the bowl and never exceed its net operating volume of 1,5 lt
		The bowl's cover or the lid are not firmly closed	Close the bowl cover or the lid firmly
4	Moving tools (blades) do not rotate easily	Ingredients are too big or too hard	Decrease the solids' quantity and add liquids

15. SPARE PARTS

15.1 Exploded View



**15.2 Spare Parts Index**

No	Description	Items
13A	BOWL COVER SET MET	1
13	BOWL COVER	1
14	FILL-HOLE COVER	1
15A	LID OF HOUSING BLACK	1
16.1	LID'S MAGNETIC SWITCH	1
16.2	BODY'S MAGNETIC SWITCH	1
17	POWER CABLE	1
18	BODY BLACK	1
19	COUPLING OF DRIVE MECHANISM	1
20	BASE FOR BOWL	1
21	Nut M6	4
22	CABLE GLAND	1
23	FACE AK12 MET	1
24	TIME SWITCH	1
25	TIME-RPM ADJUSTEMNT BUTTONS	2
26	CONTAINER HANDLES LID	1
27	ON-OFF SWITCH	1
28	MANUAL - AUTO SWITCH SCREW	2
29	CABLE GLAND SCREW	2
30	RUBBER WASHER	4
31	MANUAL - AUTO SWITCH	1
33	TOOTHLOCKED WASHER M6	4
34	WASHER LARGE D6	4
35	MOTOR PLATE MOUNDING SCREWS	4
36	Nut M5	3
37	TOOTHLOCKED WASHER M5	3
38	MOTOR BASE MOUNDING SCREW	1
42	PRINTED CIRCUIT BOARD	1
43	PRINTED CIRCUIT BOARD BASE	1
44	PRINTED CIRCUIT BOARD BASE SCREW	2
45	MOTOR AK12 MET	1
46	THERMOCOUPLE SWITCH	1
47	BOTTOM	1
48	BOTTOM SCREW	4
49	RUBBER FOOT	4
50A	COMPLETE BOWL MET	1
57	CABLE SUPPORT	4
58	DRIVE MECHANISM	1
58.1	COUPLING OF BOWL	1
58.2	LOWER SEALING VA-08	1
58.3	LOWER DRIVE 2SIDED NUT	1
58.4	O-RING 30X2	1



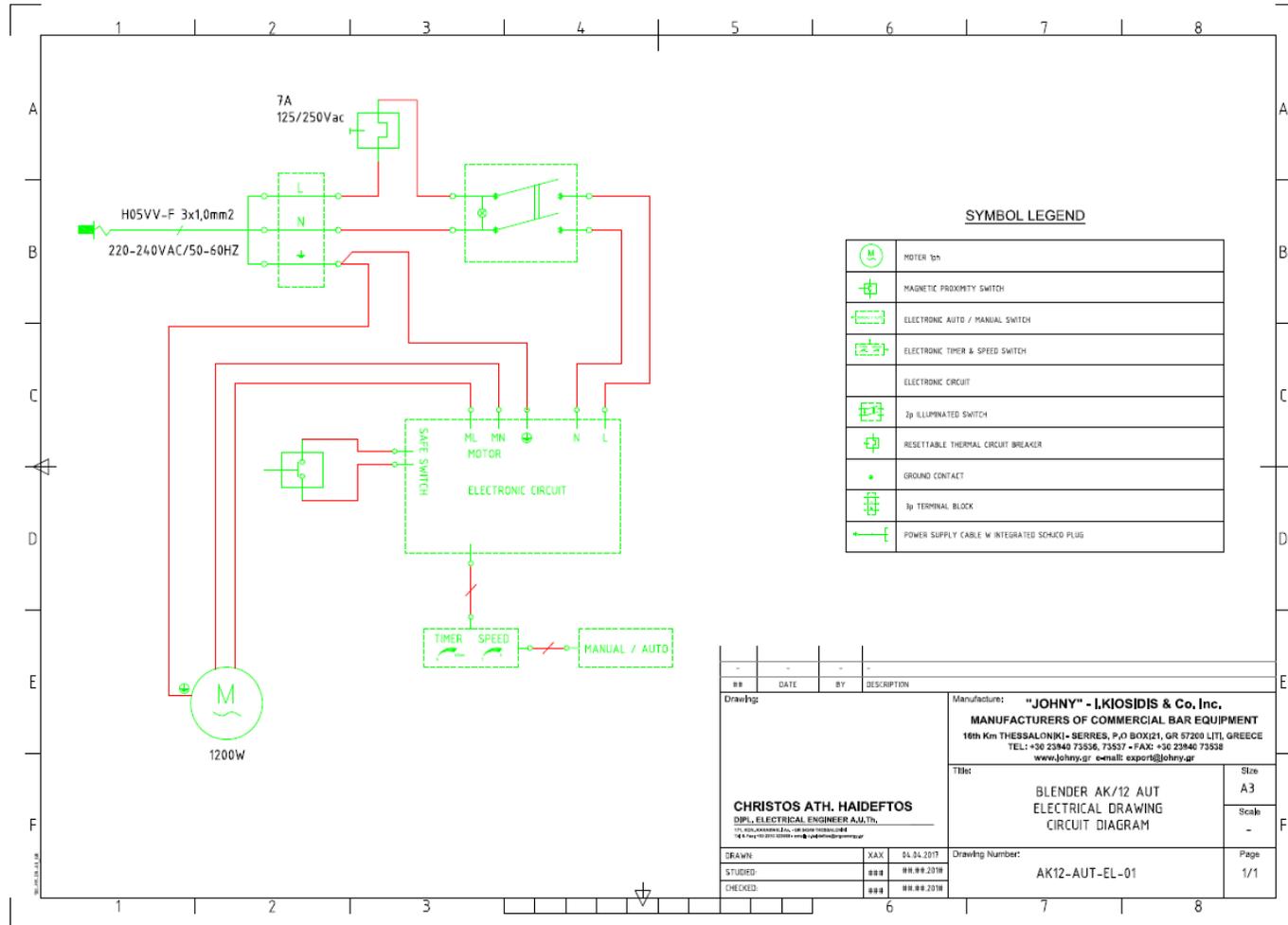
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58.5	BEARING 608	2
58.6	RETAINING RING	1
58.7	WASHER 22X17X0.8	1
58.8	SPINDLE	1
58.9	O-RING 27X2	1
58.10	UPPER DRIVE NUT	1
58.11	UPPER SEALING VA-10	1
58.12	MOVING TOOL	1
58.13	BLIND NUT M8 INOX	1
59	ELECTROMAGNETIC CONTACT COVER BLACK	1
67	NUT M4	4
66	TOOTHLOCKED WASHER M4	4
68	BOWL	1



Blender AK/12 AUT Johny

16. ELECTRICAL DRAWING





Blender AK/12 AUT Johny

17. DECLARATION OF CONFORMITY

	<p>"JOHNY" – KIOSIDIS PRIVATE COMPANY P.C. 16TH KM THESSALONIKIS – SERRES, LITI, 57200 THESSALONIKI, GREECE</p>	
ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ EU DECLARATION OF CONFORMITY		
σύμφωνα με τις παρακάτω οδηγίες / according to the following directives:		
<p>(LVD) Low Voltage 2014/35/EU (EMC) Electromagnetic Compatibility 2014/30/EU (RoHS) Restriction of Hazardous Substances 2015/863/EU amending 2011/65/EU</p>		
Τύπος εξοπλισμού / Type of equipment:	BLENDER	
Μάρκα / Brandname or trademark:	JOHNY	
Τύπος – Μοντέλο / Type designation – Model:	AK/12 AUT, AK/12 ECO	
Αριθμός σειράς / Serial no:	N/A	
Εξουσιοδοτημένος αντιπρόσωπος – Εισαγωγέας Authorized Representative – Importer:	N/A	
<p>Ο κατασκευαστής δηλώνει με αποκλειστική του ευθύνη, ότι ο εξοπλισμός ακολουθεί τις πρόνοιες των παραπάνω οδηγιών, όπως αυτές σχετίζονται με τα παρακάτω έγγραφα αναφοράς. Εάν γίνει οποιαδήποτε αλλαγή στο προϊόν, το οποίο καλύπτεται από την παρούσα δήλωση συμμόρφωσης, η παρούσα δήλωση δεν είναι πλέον έγκυρη. The manufacturer declares under sole responsibility that the equipment follows the provisions of the Directives stated above as these related to the following reference documents. If changes are made to the product that is covered by this declaration of conformity then the declaration of conformity is no longer valid.</p>		
<p>LVD: EN 60335-2-64:2000+A1:2002, EN 60335-1:2012+A11:2014+AC:2014, EN 62233:2008+AC:2008</p>		
<p>EMC: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015, EN 61000-3-2:2014, EN 61000-3-3:2013</p>		
<p>RoHS: IEC 62321-1:2013, IEC 62321-2:2013, IEC 62321-3-1:2013, IEC 62321-4:2014, IEC 62321-5:2013, IEC 62321:2008, IEC 62321-7-1:2015, IEC 62321-6:2015, EN 14372:2004</p>		
Έτος πρώτης επίθεσης σήματος CE Year in which CE marking initially was affixed:	11	
Ημερομηνία και τόπος έκδοσης: Date and place of issue:	04/07/2017 – Θεσσαλονίκη – Ελλάδα 04/07/2017 – Thessaloniki – Greece	
Εξουσιοδοτημένο άτομο για να υπογράψει το παρόν εκ μέρους του κατασκευαστή: Person empowered to sign on behalf of the manufacturer:	ΑΝΑΣΤΑΣΙΑ ΚΙΟΣΙΔΟΥ ANASTASIA KIOSIDOU	
Υπογραφή / Signature	Σφραγίδα / Stamp	
	<p>"JOHNY" KIOSIDIS PRIVATE COMPANY P.C. COMMERCIAL BAR EQUIPMENT 16th KM THESSALONIKI - SERRES P.O. BOX 21 - 572 00 LITI TEL.: +30 23940 73536-7, FAX: +30 23940 73538 GREECE - VAT NR: EL999672173</p>	



CERTIFICATE

Management system as per
DIN EN ISO 9001 : 2015

In accordance with TÜV NORD CERT procedures, it is hereby certified that

KIOSIDIS P.C.
16th km Thessaloniki - Serres Road
572 00 Liti
Hellas



applies a management system in line with the above standard for the following scope

Design and Manufacturing of Professional Electrical Bar Equipment.

Certificate Registration No. 44 100 084506
Audit Report No. GR-2384/2019

Valid from 2020-01-11
Valid until 2023-01-10
Initial certification 2008



Certification Body
at TÜV NORD CERT GmbH

Athens, 2020-01-07

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH

Langemarckstraße 20

45141 Essen

www.tuev-nord-cert.com





Blender AK/12 AUT Johny

The present operation and maintenance manual
is part of the harmonization study for the
Blender AK/12 AUT
with the European directives for safety,
(LVD) Low Voltage 2014/35/EU
(EMC) Electromagnetic Compatibility 2014/30/EU
(RoHS) Restriction of Hazardous Substances 2015/863/EU amending 2011/65/EU
According to the study the appliance is able to bear the **CE** marking.
The present manual has been composed and published by the manufacturing company:

**KIOSIDIS PRIVATE COMPANY P.C.
COMMERCIAL BAR EQUIPMENT**

For the publication of this manual, the company has co-operated with the technical consultants:



Rotskos Athanasios & CO
40 Voulgari St, P.C. 542 49, Thessaloniki
e-mail: thanasis@rotskos.gr, Web site: www.rotskos.gr
Tel.: (+30 2310) 320094 & Fax: (+30 2310) 302084